	N	o. cou	nted ir	sector	
Species	1	2	3	4	total
		 6			 6
Canada Goose	2184	125	56	215	2184*
Turkey Vulture	2	2	3	1	8
Black Vulture	2	12	6	'	20
Red-tailed Hawk	1	1	2	1	5
Red-shouldered Hawk	2	2	_	,	4
Marsh Harrier	_	1			1
Ring-billed Gull	26	·		3	29
Mourning Dove	8	3	2	O .	13
Belted Kingfisher		2	2		4
Common Flicker	2	2	4	3	11
Pileated Woodpecker	1	1			2
Yellow-bellied Sapsucke	r 1	1	4	1	7
Hairy Woodpecker		1		1	2
Downy Woodpecker	4	2	5	7	18
Red-bellied Woodpecker	11	8	11	4	3 4
Common Crow	42	24	5	7	78
Blue Jay	13	15	5		5 3
Carolina Chickadeee	10	7	15	8	40
Tufted Titmouse	4	6	_11	12	3 3
White-br. Nuthatch	1	3	5		9
Brown Creeper				3	3
Carolina Wren	3				3
Northern Mockingbird	12	4	6	2	2 4
Brown Thrasher	2		2		4
Gray Catbird				1	1
American Robin		1		3	4
Hermit Thrush	7	2	5	3	17
Eastern Bluebird		4	9	1	1 4
Cedar Waxwing		20			2 0
Eur. Starling	22	31	12	1	6 6
Yellow-rumped Warbler	9	5	8	1	23
House Sparrow	3	10			13
Red-winged Blackbird	56 <b>7</b> 0				5 6
Common Grackle	70				70

<sup>\* -</sup> birds seen in sectors 2-4 assumed to be the same individuals as in sector 1

Results of 1996 SERC winter bird count (14 January 1996) - continued

	No.	coun	ted in s	sector	
Species	1	2	3	4	total
	40		0.4	40	7.0
Northern Cardinal	18	8	34	13	7 3
House Finch	1		1		2
American Goldfinch	1			6	7
Rufous-sided Towhee	1		3		4
Dark-eyed Junco	29	8	34	13	5 1
White-thr. Sparrow	14	26	69	14	123
Swamp Sparrow				2	2
Song Sparrow	3	5	3		1 1
Tree Sparrow			1		1
Total Species	32	31	27	24	4 4

FROM: JIM LYNCH ( Mylet

RE: RESULT OF COUNT

DATE : 15 JANUARY 1996

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	N	o. cou	nted in	sector		
Species	1	2	3	4	total	
Tundra Swan		6			6	
Canada Goose	2184	125	56	215	2184*	
Turkey Vulture	2	2	3	1	8	
Black Vulture	2	12	6		20	
Red-tailed Hawk	1	1	2	1	5	
Red-shouldered Hawk	2	2			4	
Marsh Harrier		1			1	
Ring-billed Gull	26			3	29	
Mourning Dove	8	3	2		13	
Belted Kingfisher		2	2		4	
Common Flicker	2	2	4	3	11	
Pileated Woodpecker	1	1			2	
Yellow-bellied Sapsucke	er 1	1	4	1	7	
Hairy Woodpecker		1		1	2	
Downy Woodpecker	4	2	5	7	18	
Red-bellied Woodpecker	11	8	11	4	3 4	
Common Crow	42	24	5	7	78	
Blue Jay	13	15	5		53	
Carolina Chickadeee	10	7	15	8	4 0	
Tufted Titmouse	4	6	_11	12	33	
White-br. Nuthatch	1	3	5		9	
Brown Creeper				3	3	
Carolina Wren	3				3	
Northern Mockingbird	12	4	6	2	2 4	
Brown Thrasher	2		2		4	
Gray Catbird				1	1	
American Robin		1		3	4	
Hermit Thrush	7	2	5	3	17	
Eastern Bluebird		4	9	1	1 4	
Cedar Waxwing		20			20	
Eur. Starling	22	31	12	1	66	
Yellow-rumped Warbler	r 9	5	8	1	23	
House Sparrow	3	10			1 3	
Red-winged Blackbird	56				5 6	
Common Grackle	70				7 0	

<sup>\* -</sup> birds seen in sectors 2-4 assumed to be the same individuals as in sector 1

	No.	coun	ted in s	ector	
Species	1	2	3	4	total
N	4.0		0.4	4.0	
Northern Cardinal	18	8	34	13	73
House Finch	1		1		2
American Goldfinch	1			6	7
Rufous-sided Towhee	1		3		4
Dark-eyed Junco	29	8	34	13	5 1
White-thr. Sparrow	14	26	69	14	123
Swamp Sparrow				2	2
Song Sparrow	3	5	3		11
Tree Sparrow			1		1
Total Species	32	3	1 27	24	4 4

# 1996 WINTER BIRD GUNT - \$14-JANUARY 1996 SUMMARY SHEET

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Fox, Se	gal	7 V	an!	ese	on_	Date 19: Soff Bohavon Miles: For = 13 observers		ا میل	_	_			
Species Indi	vidu	als	54	som	ivie	Species Inc	diviç	iuai	<u>S</u>	CP		(0)	
	,	1	2		5	4		24/	刻	47	5	-78	
ommon Loon		<del>-   -  </del>	N	9	E	COMMITTED CLOW	72		AL J	था ।		10	
reat Blue Heron		À				Fish Crow	10	Q <sub>4</sub>	,,	0	31		
undra Swan		,6	( - 0)	6	0	Dine ad	12	0	-	2 1		53	
anada Goose	218	1125	(56)	715	2184	Carollia Olijokaceo	3 1	3	<del>위</del>	12:	32	-	
lallard .						Tufted Titmouse	4,19	3	-	12	22		
lack Duck						White-br. Nuthatch	/	5	5		2		
Vood Duck						Red-br. Nuthatch				3	3		
ledhead						Brown Creeper				5	3		
Canvasback						Carolina Wren	3	-			2		
Greater Scaup :						Winter Wren	-	21/	0	2	77		
esser scaup						IV. MOCKITODIO	4	<b>3</b> 4	6		24		
Scaup sp.						Brown Thrasher	2		2	-	4		
Comm. Goldeneye						Gray Catbird				-			
Bufflehead						American Robin		4	-	3	4		
Ruddy Duck						Hermit Thrush	7	2	5	2			
Red-br. Merganser						Eastern Bluebird		4	9		7		
Oldsquaw						Ruby-cr. Kinglet							
Turkey Vulture	2	2	3		8	Golden-cr. Kinglet						-	
Black Vulture	2	12	6		20	Cedar Waxwing		20			20	-	
Bald Eagle						European Starling	22	31	12	-	66		
Sharp-shinned Hawk						Yellrumped Warbler	9	3	8		23	-	
Red-tailed Hawk			2		5	10036 Oparion	3	10			13		
Red-shouldered Hawk	7	2			4	Red-winged Blackbird	56			-	Sh	-	
American Kestrel						Eastern Meadowlark						-	
Bobwhite						Common Grackle	70	-20		-	70	-	
Kildeer						Brown-headed Cowbird		(20)	-0.1	-	-	+	
Herring Gull	-		5	移		Northern Cardinal	18	8	34	13	73	+	
Rina-billed Gull	26		-	3	29	Purple Finch					<del> </del>	+	
Gr. Black-backed Gull						House Finch	1			-	2	-+-	
Mourning Dove	8	3	2	_	13	Am. Goldfinch	1	•		6	17		
Great Horned Owl						Ruf,-sided Towhee	1		3		4		· .
Barred Owl						Dark-eyed Junco	29	8	11	3	51		
Barn Owl						Field Sparrow	,						
Belted Kingfisher		2	2		4	Whthroated Sparrow	14	260	69	14	123	5	
Common Flicker	2	2	ч	3	1(	Swamp Sparrow	-	_	_	2	7.	-	
Pileated Woodpecker	1	1	-		2	Song Sparrow	3	5	3		11	•	
Yellow-bel. Sapsucker	1	1	4	1	7	Tree Sparrow			1	7	1	-	
Hairy Woodpecker		1		I	2	Harrier		1-			1		
Downy Woodpecker	4	2	5	7	18								
Red-bellied Woodpecke	11	8	11	4	34								
Eastern Phoebe										The second		4413	Spec
LUSIOITI HOUSE	<u>'</u>				I					,	20	7 -/ 1	1

American Coot, American Woodcock, Common Snipe, Virginia Rail, Rock Dove, Semi-palmated Plover,

Screech Owl, Red-headed Woodpecker, Marsh Wren, Evening Grosbeak, Pine Siskin, White-crowned

Sparrow, Fox Sparrow, Chipping Sparrow, Tree Sparrow

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	N	0. 001	inted in	n sector	
Species	1	2	3	4	total
Tundra Swan		 6			 6
Canada Goose	2184	125	56	215	2184*
Turkey Vulture	2	2	3	1	8
Black Vulture	2	12	6		20
Red-tailed Hawk	1	1	2	1	5
Red-shouldered Hawk	2	2			4
Marsh Harrier		1			1
Ring-billed Gull	26			3	29
Mourning Dove	8	3	2		13
Belted Kingfisher		2	2		4
Common Flicker	2	2	4	3	11
Pileated Woodpecker	1	1			2
Yellow-bellied Sapsucke	r 1	1	4	1	7
Hairy Woodpecker		1		1	2
Downy Woodpecker	4	2	5	7	18
Red-bellied Woodpecker	11	8	11	4	3 4
Common Crow	42	24	5	7	78
Blue Jay	13	15	5		53
Carolina Chickadeee	10	7	15	8	4 0
Tufted Titmouse	4	6	_11	12	33
White-br. Nuthatch	1	3	5		9
Brown Creeper				3	3
Carolina Wren	3				3
Northern Mockingbird	12	4	6	2	2 4
Brown Thrasher	2		2		4
Gray Catbird				1	1
American Robin		1		3	4
Hermit Thrush	7	2	5	3	17
Eastern Bluebird		4	9	1	1 4
Cedar Waxwing		20			20
Eur. Starling	22	31	12	1	6 6
Yellow-rumped Warbler		5	8	1	23
House Sparrow	3	10			1 3
Red-winged Blackbird	56				5 6
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Species	1	2	3	4	total
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Northern Cardinal	18	8	34	13	73
House Finch	1		1		2
American Goldfinch	1			6	7
Rufous-sided Towhee	1		3		4
Dark-eyed Junco	29	8	34	13	5 1
White-thr. Sparrow	14	26	69	14	123
Swamp Sparrow				2	2
Song Sparrow	3	5	3		11
Tree Sparrow			1		1
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	N	o, cou	nted in	sector	
Species	1	2	3	4	total
· 					
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Canada Goose	2184	125	56	215	2184*
Turkey Vulture	2	2	3	1	8
Black Vulture	2	12	6		20
Red-tailed Hawk	1	1	2	1	5
Red-shouldered Hawk	2	2			4
Marsh Harrier		1			1
Ring-billed Gull	26			3	29
Mourning Dove	8	3	2		1 3
Belted Kingfisher		2	2		4
Common Flicker	2	2	4	3	1 1
Pileated Woodpecker	1	1			2
Yellow-bellied Sapsucke	er 1	1	4	1	7
Hairy Woodpecker		1		1	2
Downy Woodpecker	4	2	5	7	18
Red-bellied Woodpecker	11	8	11	4	3 4
Common Crow	42	24	5	7	78
Blue Jay	13	15	5		53
Carolina Chickadeee	10	7	15	8	4 0
Tufted Titmouse	4	6	_11	12	33
White-br. Nuthatch	1	3	5	. –	9
Brown Creeper				3	3
Carolina Wren	3				3
Northern Mockingbird	12	4	6	2	2.4
Brown Thrasher	2		2	_	4
Gray Catbird	_		_	1	1
American Robin		1		3	4
Hermit Thrush	7	2	5	3	17
Eastern Bluebird	,	4	9	1	1 4
Cedar Waxwing		20	J		20
Eur. Starling	22	31	12	1	66
Yellow-rumped Warbler		5	8	1	23
1	3	10	O		13
House Sparrow  Red winged Blackbird		10			
Red-winged Blackbird Common Grackle	56 70				5 6 7 0
Common Grackie	70				/ 0

<sup>\* -</sup> birds seen in sectors 2-4 assumed to be the same individuals as in sector 1

Results of 1996 SERC winter bird count (14 January 1996) - continued

	No.	cour	nted in s	sector	
Species	1	2	3	4	total
Northern Cardinal	18	8	34	13	7 3
House Finch	1		1		2
American Goldfinch	1			6	7
Rufous-sided Towhee	1		3		4
Dark-eyed Junco	29	8	34	13	5 1
White-thr. Sparrow	14	26	69	14	123
Swamp Sparrow				2	2
Song Sparrow	3	5	3		11
Tree Sparrow			1		1
Total Species	32	3	1 27	24	4 4

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Species	1	2	3	4	total
Tundra Curan					
Tundra Swan	0101	6	F.O.	045	6
Canada Goose	2184	125	56	215	2184*
Turkey Vulture	2	2	3	1	8
Black Vulture	2	12	6		20
Red-tailed Hawk	1	1	2	1	5
Red-shouldered Hawk	2	2			4
Marsh Harrier		1			1
Ring-billed Gull	26			3	29
Mourning Dove	8	3	2		1 3
Belted Kingfisher		2	2		4
Common Flicker	2	2	4	3	1 1
Pileated Woodpecker	1	1			2
Yellow-bellied Sapsucke	r 1	1	4	1	7
Hairy Woodpecker		1		1	2
Downy Woodpecker	4	2	5	7	18
Red-bellied Woodpecker	11	8	11	4	3 4
Common Crow	42	24	5	7	7 8
Blue Jay	13	15	5		5 3
Carolina Chickadeee	10	7	15	8	4 0
Tufted Titmouse	4	6	_11	12	3 3
White-br. Nuthatch	1	3	5		9
Brown Creeper				3	3
Carolina Wren	3				3
Northern Mockingbird	12	4	6	2	24
Brown Thrasher	2		2		4
Gray Catbird				1	1
American Robin		1		3	4
Hermit Thrush	7	2	5	3	1 7
Eastern Bluebird		4	9	1	1 4
Cedar Waxwing		20	Ü	•	20
Eur. Starling	22	31	12	1	66
Yellow-rumped Warbler	9	5	8	1	23
House Sparrow	3	10	0		13
Red-winged Blackbird	56				5 6
Common Grackle	70				7 0
Common Gradino	7 0				

<sup>\* -</sup> birds seen in sectors 2-4 assumed to be the same individuals as in sector 1

	No.	cour	ited in s	sector	
Species	1	2	3	4	total
Northern Cardinal	18	8	34	13	73
House Finch	1		1		2
American Goldfinch	1			6	7
Rufous-sided Towhee	1		3		4
Dark-eyed Junco	29	8	34	13	5 1
White-thr. Sparrow	14	26	69	14	123
Swamp Sparrow				2	2
Song Sparrow	3	5	3		11
Tree Sparrow			1		1
Total Species	32	3	27	24	4 4

FROM: JIM LYNCH Mylet

RE: RESULT OF COUNT

DATE : 15 JANUARY 1996

The count was originally scheduled for 13 January, but was postponed to the 14th due to heavy snow before the count. So far, the winter of 1995-96 has been unusually cold, and the storm of 6-8 January produced the region's heaviest snowfall in more than 70 years (up to 24" fell in the SERC area). An additional 3-6" of snow fell on 11-12 January. The day of the count was clear and cool (25-45° F), with little wind. The snow cover already had begun to melt and compact by the day of the count, but the area was still covered with about 24" of crusted snow, making cross-country walking very tiring. The two snowstorms that struck the area were preceded by a cold snap, and the Rhode River and West River were completely ice-covered on 14 January. As a result, most waterfowl were absent from the count area, having moved to areas of open water closer to the Bay proper. Last year we counted nine species of waterfowl, but this year we tallied only two. This was especially frustrating because 1995 was an excellent year for waterfowl reproduction in the northern prairies, and large numbers of ducks were present on the Rhode River just prior to the cold snap.

We mustered 14 volunteers at the SERC visitor's center at 07:00. The group was divided into four parties, each of which covered a different sector of the 70 km² Rhode River count area (this is about 5% of the area covered by a standard 1,810 km² Audubon Christmas Count circle). One field party was accompanied by photographer Cameron Davidson, who was taking pictures for an article on SERC that will appear in a future issue of *Smithsonian* magazine. Each party was in the field for 5-6 hours. Although weather conditions were good on the day of the count, the lack of open water and the difficulty of traversing areas away from plowed roads resulted in a final tally of bird species and individuals that was well below the levels seen in previous SERC counts. As an example, the 1993, 1994, and 1995 counts yielded 70, 68, and 60 species, respectively. This year's total was only 44 species. A major exception to this year's dearth of waterfowl records was provided by the Canada Goose. A minimum of 2,184 honkers was counted, as flight after flight passed over the count area on their way from from a resting area in the Rhode River to feeding grounds in nearby fields. This represents an all-time high for our winter count of this species, and may reflect the recent increase in Canada Goose numbers on the western shore of Chesapeake Bay.

The results of this year's count highlight the dramatic effects of weather on winter bird distributions, and serve as a useful baseline for comparison with counts conducted under more favorable conditions. Thanks to all of you for helping out, and I look forward to seeing you back for next year's effort.

	N	<u>o. co</u> l	ınted in	sector	
Species	1	2	3	4	total
Tundra Swan		6		· <b></b>	6
Canada Goose	2184	125	56	215	2184*
Turkey Vulture	2	2	3	1	8
Black Vulture	2	12	6		20
Red-tailed Hawk	1	1	2	1	5
Red-shouldered Hawk	2	2			4
Marsh Harrier		1			1
Ring-billed Gull	26			3	29
Mourning Dove	8	3	2		13
Belted Kingfisher		2	2		4
Common Flicker	2	2	4	3	11
Pileated Woodpecker	1	1			2
Yellow-bellied Sapsucke	er 1	1	4	1	7
Hairy Woodpecker		1		1	2
Downy Woodpecker	4	2	5	7	18
Red-bellied Woodpecker	11	8	11	4	3 4
Common Crow	42	24	5	7	7 8
Blue Jay	13	15	5		5 3
Carolina Chickadeee	10	7	15	8	40
Tufted Titmouse	4	6	_11	12	3 3
White-br. Nuthatch	1	3	5		9
Brown Creeper				3	3
Carolina Wren	3				3
Northern Mockingbird	12	4	6	2	2 4
Brown Thrasher	2		2		4
Gray Catbird				1	1
American Robin		1		3	4
Hermit Thrush	7	2	5	3	17
Eastern Bluebird		4	9	1	1 4
Cedar Waxwing		20			20
Eur. Starling	22	31	12	1	6 6
Yellow-rumped Warbler	9	5	8	1	23
House Sparrow	3	10			1 3
Red-winged Blackbird	56				5 6
Common Grackle	70				7 0

<sup>\* -</sup> birds seen in sectors 2-4 assumed to be the same individuals as in sector 1

Results of 1996 SERC winter bird count (14 January 1996) - continued

	No. counted in sector						
Species	1	2	3	4	total		
Northern Cardinal	18	8	34	13	73		
House Finch	1.	Ü	1	10	2		
American Goldfinch	1			6	7		
Rufous-sided Towhee	1		3		4		
Dark-eyed Junco	29	8	34	13	5 1		
White-thr. Sparrow	14	26	69	14	123		
Swamp Sparrow				2	2		
Song Sparrow	3	5	3		11		
Tree Sparrow			1		1		
Total Species	32	31	 l 27	24	4 4		

Date 14 Jan 96 - Sector 21 SERC Winter Bird Checklist Party Size 4 Party Hrs 730 / 2 Miles: Foot 2 Car 5 Boat Total Observers JA, ECB, Neil : EZizabeth godvich Species **Individuals** Individuals Species Common Crow WALL # # 35 35 348 Common Loon Fish Crow Great Blue Heron Blue Jay \$ 1 Tundra Swan Canada Goose DK 1 18 31 Carolina Chickadee **Tufted Titmouse** Mallard White-br. Nuthatch Black Duck Red-br. Nuthatch Wood Duck Brown Creeper Redhead PM 1 0 VIS, toi's Ctr. Carolina Wren 4 2 Canvasback Winter Wren Greater Scaup TON SA N. Mockingbird Lesser scaup Brown Thrasher Scaup sp. Grav Catbird Comm. Goldeneve American Robin Bufflehead Hermit Thrush Ruddy Duck Eastern Bluebird Red-br. Merganser Ruby-cr. Kinalet Oldsquaw Turkey Vulture 2 2 Golden-cr. Kinglet Cedar Waxwing Black Vulture European Starling 5% 12 19/ Bald Eagle Yell.-rumped Warbler 144-47 Sharp-shinned Hawk House Sparrow & 3 Red-tailed Hawk | 1 Red-winged Blackbird 25 56 56 Red-shouldered Hawk 1 Eastern Meadowlark American Kestrel Common Grackle 70 **Bobwhite** Brown-headed Cowbird Kildeer Northern Cardinal WHHH M M 14 Herring Gull 13 21 22 Purple Finch Ring-billed Gull // House Finch Gr. Black-backed Gull Am. Goldfinch Mourning Dove Ruf.-sided Towhee Great Horned Owl Dark-eyed Junco & 1 4 10 1 1/2 Barred Owl Field Sparrow Barn Owl Wh.-throated Sparrow High 1 18 Belted Kingfisher Common Flicker \$ 2 Swamp Sparrow [3] Song Sparrow 1 3 TOT Pileated Woodpecker Marior Da Baser ville Yellow-bel. Sapsucker Hairy Woodpecker Downy Woodpecker W P 1 Red-bellied Woodpecker 🐉 N +220 Eastern Phoebe 1270 Rare or sporadic at SERC in winter: Red-throated Loon, Pied-billed grebe, Horned Grebe, Pintail, 1445 American Widgeon, Green-winged Teal, Wood Duck, Mute Swan, Cooper's Hawk, Marsh Harrier, k456 American Coot, American Woodcock, Common Snipe, Virginia Rail, Rock Dove, Semi-palmated Plover, 1-4-76 Screech Owl, Red-headed Woodpecker, Marsh Wren, Evening Grosbeak, Pine Siskin, White-crowned 1576 Sparrow, Fox Sparrow, Chipping Sparrow, Tree Sparrow 1676 F736

SERC Winter Bird Checklist	Date 1/14/91 Sector 2					
Omito stiller bild olloomist	Party Size Party Hrs					
Observers Paul Folosia	Miles: Foot Car Boat Total					
United the John Bul						
	Species Individuals					
<u>Species</u> Individuais						
Common Loon	Common Crow /// HII fit that					
Great Blue Heron	Fish Crow					
Tundra Swan 4.2	Blue Jay Wee III					
Canada Goose 2 20 11 25 19.8,20,34	Carolina Chickadee					
Mallard 180 / 37) 12, 16:30 27 75, 18	Tufted Titmouse ///					
Black Duck3? 13. 2 35. 45, 50 300 907	White-br. Nuthatch					
Wood Duck 124321 80, 100953130120	Red-br. Nuthatch					
Redhead 5,9,20,8,50 10 10 10 10 10 10 10 10 10 10 10 10 10	Brown Creeper					
Canyasback	Carolina Wren					
Greater Scaup	Winter Wren					
Lesser scaup	N. Mockingbird					
Scaup sp. (1215)	Brown Thrasher					
Comm. Goldeneye	Gray Catbird					
Bufflehead	American Robin					
Ruddy Duck	Hermit Thrush					
Red-br, Merganser	Eastern Bluebird					
Oldsquaw	Ruby-cr. Kinglet					
Turkey Vulture	Golden-cr. Kinglet					
Black Vulture 114	Cedar Waxwing					
Bald Eagle	European Starling T. 15, /					
Sharp-shinned Hawk	Yellrumped Warbler / / /					
Red-tailed Hawk	House Sparrow					
Red-shouldered Hawk 17.	Red-winged Blackbird					
American Kestrel	Eastern Meadowlark					
Bobwhite	Common Grackle					
Kildeer	Brown-headed Cowbird					
Herring Gull 23	Northern Cardinal +#+ 11					
Ring-billed Gull	Purple Finch					
Gr. Black-backed Gull	House Finch					
Mourning Dove	Am. Goldfinch					
Great Horned Owl	Rufsided Towhee					
Barred Owl	Dark-eyed Junco					
Barn Owl	Field Sparrow Whathroated Sparrow Htt HH (11/2) Htt					
Belted Kingfisher //	VVIII-TIII VOID					
Common Flicker	Swamp Sparrow					
Pileated Woodpecker	Song Sparrow					
Yellow-bel. Sapsucker						
Hairy Woodpecker						
Downy Woodpecker						
Red-bellied Woodpecker / /						
Eastern Phoebe						

Rare or sporadic at SERC in winter: Red-throated Loon, Pied-billed grebe, Horned Grebe, Pintail, American Widgeon, Green-winged Teal, Wood Duck, Mute Swan, Cooper's Hawk, Marsh Harrier, American Coot, American Woodcock, Common Snipe, Virginia Rail, Rock Dove, Semi-palmated Plover, Screech Owl, Red-headed Woodpecker, Marsh Wren, Evening Grosbeak, Pine Siskin, White-crowned Sparrow, Fox Sparrow, Chipping Sparrow, Tree Sparrow

#### SERC Winter Bird Checklist

Observers Whigham / Jamieson

Date 1//3/96 Sector 3

Party Size Party Hrs Miles: Foot Car Boat Total

Species Individuals	Species Individuals
Common Loon	Common Crow 74+ 144 M = 15
Great Blue Heron	Fish Crow
Tundra Swan	Blue Jay ++++ 1 > 11
Canada Goose /6.5 5 13 /3 15 = 3	Carolina Chickadee THE 5
Mallard	Tufted Titmouse +++ Tit = 11
Black Duck	White-br. Nuthatch
Wood Duck	Red-br. Nuthatch
Redhead	Brown Creeper
Canvasback	Carolina Wren
Greater Scaup	Winter Wren
Lesser scaup	N. Mockingbird HTT 25
Scaup sp.	Brown Thrasher /1=2
Comm. Goldeneve	Gray Catbird
Bufflehead	American Robin
Ruddy Duck	Hermit Thrush 1944 5
Red-br. Merganser	Eastern Bluebird 11,52 = 9
Oldsquaw	Ruby-cr. Kinglet
Turkey Vulture 111=3	Golden-cr. Kinglet
Black Vulture 4,2=6	Cedar Waxwing
Bald Eagle	European Starling 31,3,1,5,1=12
Sharp-shinned Hawk	Yellrumped Warbler 1,2,2,1,1,1=8
Red-tailed Hawk 11=2	House Sparrow
Red-shouldered Hawk	Red-winged Blackbird
American Kestrel	Eastern Meadowlark
Bobwhite	Common Grackle
Kildeer	Brown-headed Cowbird
Herring Gull 3,2 = 5	Northern Cardinal 7th 1th 1th 1th 1th + ++++, 4, =34
Ring-billed Gull	Purple Finch
Gr. Black-backed Gull	> House Finch
Mourning Dove 11 = 2	Am. Goldfinch
Great Horned Owl	Rufsided Towhee 11/23
Barred Owl	Dark-eyed Junco 2,1,2,4,7,=//
Barn Owl	Field Sparrow
Belted Kingfisher 11 > 2	Whthroated Sparrow 5, 8, 2, 1, 1, 3, 2, 2, 2, 1, 3, 2, 2
Common Flicker III	Swamp Sparrow 41577 = 69
Pileated Woodpecker	Song Sparrow /// 33
Yellow-bel. Sapsucker 11/1	
Hairy Woodpecker	
Downy Woodpecker 744 - 5	
Red-bellied Woodpecker 11412	
Fastern Phoebe	

Rare or sporadic at SERC in winter: Red-throated Loon, Pied-billed grebe, Horned Grebe, Pintail, American Widgeon, Green-winged Teal, Wood Duck, Mute Swan, Cooper's Hawk, Marsh Harrier, American Coot, American Woodcock, Common Snipe, Virginia Rail, Rock Dove, Semi-palmated Plover, Screech Owl, Red-headed Woodpecker, Marsh Wren, Evening Grosbeak, Pine Siskin, White-crowned Sparrow, Fox Sparrow, Chipping Sparrow, Tree Sparrow

2 In area 2

#### SERC Winter Bird Checklist

Observers Greg Ring, J.n Said, Charlotte Fox

Date 1/19/95 Sector 9
Party Size 3 Party Hrs 3
Miles: Foot 1 Car Boat Total

Species Individuals	Species	Individuals	
Aren 4 3		1	2
Common Loon	Common Crow	7	4
Great Blue Heron	Fish Crow		
Tundra Swan	Blue Jay	3	Ø
Canada Goose 215	Carolina Chickadee		
Mallard	Tufted Titmouse	12	3
Black Duck	White-br. Nuthatch		Quantum est attraction authorized de la company de la comp
Wood Duck	Red-br. Nuthatch		apolypados with a 200 standard of the transportation of the transp
Redhead	Brown Creeper	3	
Canvasback	Carolina Wren		
Greater Scaup	Winter Wren		Market Institute (Market State Control of Co
Lesser scaup	N. Mockingbird	2	
Scaup sp.	Brown Thrasher		
Comm. Goldeneve	Gray Catbird	l	
Bufflehead	American Robin	3	
Ruddy Duck	Hermit Thrush	3	1
Red-br. Merganser	Eastern Bluebird	1	
Oldsquaw	Ruby-cr, Kinglet		nativa rashumasanna di king manakula mbanakindi
Turkey Vulture	Golden-cr. Kinglet		opping van der annen dat delaktive, de verspronten en die Meille
Black Vulture	Cedar Waxwing		
Bald Eagle	European Starling	l	10
Share shinned Hawk	Yell,-rumped Warbler	· · · · · · · · · · · · · · · · · · ·	
Red-tailed Hawk	House Sparrow	nagara phayangana an agnarance na anagaran Adamatan Khalanda (Khalanda).	The state of the s
Red-shouldered Hawk	Red-winged Blackbird		The state of the s
American Kestrel	Eastern Meadowlark		
Bobwhite	Common Grackle		
Kildeer	Brown-headed Cowbird		
Herring Gull	Northern Cardinal	13	1
Ring-billed Gull	Purple Finch		
Gr. Black-backed Gull	House Finch		
Mourning Dove 1	Am, Goldfinch	6	, v
Great Horned Owl	Ruf,-sided Towhee		
Barred Owl	Dark-eyed Junco	3	5
Barn Owl	Field Sparrow		
Belted Kingfisher	Whthroated Sparrow	14	2
Common Flicker 3	Swamp Sparrow	2	
Pileated Woodpecker	Song Sparrow		
Yellow-bel. Sapsucker (	Gull Spp.	7.	
Hairy Woodpecker			
Downy Woodpecker 7 2			
Red-bellied Woodpecker 4			
Eastern Phoebe		-	

Rare or sporadic at SERC in winter: Red-throated Loon, Pied-billed grebe, Horned Grebe, Pintail, American Widgeon, Green-winged Teal, Wood Duck, Mute Swan, Cooper's Hawk, Marsh Harrier, American Coot, American Woodcock, Common Snipe, Virginia Rail, Rock Dove, Semi-palmated Plover, Screech Owl, Red-headed Woodpecker, Marsh Wren, Evening Grosbeak, Pine Siskin, White-crowned Sparrow, Fox Sparrow, Chipping Sparrow, Tree Sparrow

